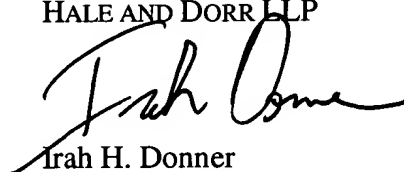


Copies of the documents listed on page 3 of Form PTO-1449, which were cited in the prosecution of the corresponding PCT patent application no more than three months prior to the filing of this IDS, are enclosed. A copy of the preliminary examination report for the PCT patent application is also enclosed. The additional references cited in the preliminary examination report were previously submitted in the IDS filed August 21, 2002.

No certification or fee is required. However, the Commissioner is authorized to charge any deficiency in any fees pursuant to 37 CFR § 1.17 associated with this communication and to credit any excess payment to Deposit Account No. 08-0219.

Respectfully submitted,

HALE AND DORR LLP


Ira H. Donner
Registration No. 35,120

1455 Pennsylvania Avenue, NW
Washington, DC 20004

TEL 202.942.8585

FAX 202.942.8484

Date: 7/18/03